

Subst. Form PTO-1449

Att'y. Docket No.: P96040US1A/FIR 2 0020

Serial No.: 09/819,336

APPLICANT'S(S) INFORMATION
DISCLOSURE STATEMENT

Applicant(s): Graves et al.

Filing Date: March 28, 2001

Group: 1713

U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
u	AA	3,070,579	25DEC1962	Szwarc			
u	AB	3,135,716	02JUN1964	Uranek			
u	AC	3,451,988	24JUN1969	Langer			
u	AD	4,075,186	21FEB1978	Ambrose			
u	AE	4,096,254	20JUN1978	Benson			
u	AF	4,329,439	11MAY1982	Lohr, Jr.			
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u	AH	4,503,188	04MAR1985	Manicelli			
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u	AO	Hayashi et al., Journal of Polymer Science: Part A, Vol. 2, pp 2571-2594 (1964) Glycols and Dicarboxylic Acids from Butadiene, Isoprene, and Styrene and Some Derived Block Polymers, Esters and Urethans.					
u	AP	Wyman et al., Journal of Polymer Science: Part A, Vol. 2, pp 4545-4550 (1964), Reaction of Polystyryllithium with Carbon Dioxide.					
u	AQ	P. Mansson, Journal of Polymer Science Pol. Chem. 2d., Reactions of Polystyryl Anions with Carbon Dioxide and Oxygen. Analysis of Products by Silica Gel Chromatography. no date and Page 5					
u	AR	H. Nakagawa et al., Makromol. Chem. 183, pp 2071-2076 (1982), Functionalization of Polymeric Organolithium Compounds Carbonation. Wrong Author					
u	AS	Abstract - Elastomers, Vol. 85 (1976), page 55, Process for Polyolithiating Unsaturated Polymers. no author					
u	AT	Abstract - Plastics Manual, Vol. 12, (1994), page 65, Olefin Polymers Having a Carboxyl Group on One End and Manufacture Thereof.					
u	AU	Abstract - Synthetic High Polymers, Vol. 117, (1964), page 19, Melt-metalation of Block Copolymers.					
u	AV	Abstract - Plastics Fabr. Uses, Vol. 107, (1987), page 53, Modified Block Copolymers and Impact-Resistant Compositions.					
u	AW	Abstract - Synthetic High Polymers, Vol. 114 (1991), page 19, Functionalized Polymers from Unsaturated Diene-styrene Copolymers by Hydrogenation and Reaction with Functionalizing Agent.					
u	AX	Abstract - Plastics Manual, Vol. 111 (1989), page 67, Impact-Resistant Blends of Polar Thermoplastic Polymers and Modified Block Copolymers					

Examiner:

Carsten Lu

Date Considered:

2-21-03

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
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al	BC	5,612,435	18MAR1997	Bening et al.			
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al	BO	Abstract - Plastics Manual, Vol. 87, (1977), page 37, Manufacture of Telehellic Polymers.					
al	BP	Abstract - Synthetic High Polymers, Vol. 95, (1981), Carboxylation of "Living" Polymers, page 25.					
al	BQ	Abstract - Synthetic High Polymers, Vol. 81 (1974), Carboxylation of Polymers Having Alkali Metal Atom at End Groups page 27.					
al	BR	Abstract - Rubber and Other Elements, Vol. 65, 1966, Butadiene Polymers, col. 17178.					
al	BS	Abstract - 115: 72522n Functionalization of Polymeric Organolithium Compounds by Carbonation, 18 April 1991.					
al	BT	Abstract - 110: 8848t Block Copolymer Grafting Process for Preparing Elastomers Containing Functional Groups, 20 July 1988.					
	BU						

Examiner:

Carter In

Date Considered:

2-21-03

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Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
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CL	AN	EP 0 588 287 A2	23.03.1994	EPO			
1	AO	EP 1 072 613 A1	31.01.2001	EPO			see U.S. 5,380,321
	AP						
	AQ						
OTHER ART							
	AR						
	AS						
Examiner: <i>Carla Lu</i>					Date Considered: 2-21-03		
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